UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27896

7590

09/29/2004

EDELL, SHAPIRO, FINNAN & LYTLE, LLC 1901 RESEARCH BOULEVARD SUITE 400 ROCKVILLE, MD 20850 EXAMINER

FULTON, CHRISTOPHER W

ART UNIT

PAPER NUMBER

2859

DATE MAILED: 09/29/2004

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/603 087	06/25/2003	Gary R Walker	0918 0202C	1910

TITLE OF INVENTION: PRECISION FRICTIONLESS FLEXURE BASED LINEAR TRANSLATION MECHANISM INSENSITIVE TO THERMAL A VIBRATIONAL ENVIRONMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/29/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh

appropriate. All further cornindicated unless corrected b maintenance fee notification.	elow or directed otherwise	Patent, advance or in Block 1, by (a	ders and notification specifying a new c	of maintenance fees orrespondence address	will be mailed to the current ; and/or (b) indicating a sepa	correspondence address arate "FEE ADDRESS"
	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m		
27896 75	90 09/29/2004			have its own certificat	te of mailing or transmission.	or reconstruction,
EDELL, SHAPIRO, FINNAN & LYTLE, LLC 1901 RESEARCH BOULEVARD SUITE 400 ROCKVILLE, MD 20850				Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the U States Postal Service with sufficient postage for first class mail in an enve addressed to the Mail Stop ISSUE FEE address above, or being facs transmitted to the USPTO (703) 746-4000, on the date indicated below.		
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						(Signat
						(D
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	ITOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/603,087	06/25/2003		Gary R. Walker		0918.0202C	1910
TITLE OF INVENTION: VIBRATIONAL ENVIRON		ILESS FLEXURE	E BASED LINEAR	TRANSLATION N	MECHANISM INSENSITIV	E TO THERMAL A
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nonprovisional	NO	\$1330)	\$300	\$1630	12/29/2004
EXAM	INER	ART UN	IIT C	LASS-SUBCLASS		
FULTON, CHR	ISTOPHER W	2859		033-00100M		•
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in	an assignee is identified b	elow, no assignee	data will appear on t	he patent. If an assign	nee is identified below, the d	document has been filed
recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)						
Please check the appropriate	assignee category or catego			_	Corporation or other private gr	oup entity 🚨 Governm
4a. The following fee(s) are e	enclosed:	4b	Payment of Fee(s):			
			A check in the amount of the fee(s) is enclosed.			
			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overnayment			
Deposit Account Number (enclose an extra copy of this form).						
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).						
The Director of the USPTO i NOTE: The Issue Fee and Pu interest as shown by the recon	s requested to apply the Iss ablication Fee (if required) and of the United States Pat	ue Fee and Publicat will not be accepted ent and Trademark	tion Fee (if any) or to I from anyone other t Office.	re-apply any previous han the applicant; a reg	ly paid issue fee to the applications attorney or agent; or the	ation identified above. he assignee or other part
Authorized Signature				Date		
Typed or printed name						
This collection of information an application. Confidentialits submitting the completed app this form and/or suggestions Box 1450, Alexandra, Virgin Alexandria, Virginia 22313-1	by is governed by 35 U.S.C plication form to the USPT for reducing this burden, slinia 22313-1450. DO NOT	11. The informatio 122 and 37 CFR O. Time will vary nould be sent to the SEND FEES OR C	on is required to obtain 1.14. This collection depending upon the Chief Information COMPLETED FORM	n or retain a benefit by is estimated to take 12 individual case. Any co officer, U.S. Patent and IS TO THIS ADDRES	the public which is to file (an minutes to complete, includir omments on the amount of ti I Trademark Office, U.S. Dep S. SEND TO: Commissioner	d by the USPTO to proc ng gathering, preparing, me you require to comp artment of Commerce, P for Patents, P.O. Box 14

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PTOL 85 (Rev 09/04) Approved for use through 04/30/2007



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10/603,087 06/25/2003		Gary R. Walker	0918.0202C	1910	
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SUITE 400	H BOOLEVARD		ART UNIT	PAPER NUMBER	
ROCKVILLE, N	MD 20850		2859		
			DATE MAILED: 09/29/200	4	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 35 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 35 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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10/603,087 06/25/2003 Gary R. Walker		Gary R. Walker	0918.0202C	1910	
27896 7590 09/29/2004			EXAM	EXAMINER	
	PIRO, FINNAN &	FULTON, CHR	FULTON, CHRISTOPHER W		
SUITE 400	CH BOULEVARD		ART UNIT	PAPER NUMBER	
ROCKVILLE, I	MD 20850		2859		

DATE MAILED: 09/29/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then t amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees w increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 5260 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in vie of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processi delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowan is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), t issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedu (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue f now due, then the difference between the issue fee amount at the time the response is filed and the previously-pa issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.2/(a))	\$685.00
By other than a small entity	\$1,370.00
(b) Issue fee for issuing a design patent:	•
By a small entity (Sec. 1.27(a))	\$245.00

By other than a small entity.....\$490.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of t Office of Patent Publication at (703) 305-8283.